Index of Claims

| App | licatio | n/Cont | rol No. |
|-----|---------|--------|---------|
|-----|---------|--------|---------|

10/723,703 Examiner

Anita M. King

Applicant(s)/Patent under Reexamination

TURVEY, ROBERT R.
Art Unit

3632

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla      | aim         | Date     |                 |          |          |          |   |              | Claim Date                                       |   |      |           |          |  |                 |          | Cla          | aim     | Date         |                 |                    |          |             |            |                |   |              |              |          |          |          |           |
|----------|-------------|----------|-----------------|----------|----------|----------|---|--------------|--|---|------|-----------|----------|--|-----------------|----------|--------------|---------|--------------|-----------------|--------------------|----------|-------------|------------|----------------|---|--------------|--------------|----------|----------|----------|-----------|
|          | <u>-a</u>   | S        |                 |          |          |          |   |              |  |   |      |           | ō        | ı,   |                 |          |              |         |              |                 |                    |          | _           | व          |                | 1   |              |              |          |          |          |           |
| Final    | Original    | 7/11/05  |                 |          |          |          |   |              |  |   |      | Final     | Original | 7/11/05  |                 |          |              |         |              |                 |                    |          | Final       | Original   |                |   |              |              |          |          | ı        |           |
| Œ        | ĕ           | Ξ        |                 |          |          | ı        |   |              |  |   |      | ш.        | ō        | 7  |                 | -        | 1            |         |              |                 |                    |          | ۳           | ō          |                |   |              |              |          |          |          | ŀ         |
|          |             | <u> </u> | Н               | +        | $\dashv$ |          | _ | ⊢            | -  |   |      |           | 51       | =  | $\vdash$        | +        | +            | ╫       | +-           |                 | -                  | $\vdash$ |             | 101        | $\vdash$       |   | +            | ╁            | -        | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u> | 2           |          | $\vdash$        | +        |          | -        |   | _            | $\vdash$   | _ |      |           | 52       | =  | H               | +        | +            | +       | +            | $\vdash$        | $\dashv \parallel$ | $\vdash$ |             | 102        |                |   | ╁╴           | ╁╴           | ├        | $\dashv$ | -        |           |
| $\vdash$ | 3           | -        | Н               | $\dashv$ | $\dashv$ | $\dashv$ | _ | -            |  |   |      |           | 53       | =  | $\vdash$        | $\dashv$ | +            | ╁       | 1-           | -               | - :::              | $\vdash$ | -           | 103        |                |   | ╁            | +-           | $\vdash$ | +        | -        | $\dashv$  |
| -        | 4           | -        | Н               | -        | -        | _        | _ | -            |  |   |      |           | 54       | 1  | $\vdash$        | $\dashv$ | +            | +       | 1            |                 | - :::              | H        |             | 104        | $\exists$      |   | +            | $\vdash$     |          | 寸        | $\dashv$ | $\dashv$  |
|          | 5           | √        |                 | <b>-</b> | 寸        | _        |   | 1            |  |   |      |           | 55       | Ė  | $\vdash$        | +        | $\top$       | +-      | 1            |                 |                    | -        |             | 105        |                |   | 1            | $\vdash$     | T        | 一        |          | $\exists$ |
|          | 6           |          | П               | $\dashv$ | 一        |          |   |              | Ħ  |   |      |           | 56       |  |                 |          |              | $\top$  |              |                 |                    | Γ        |             | 106        |                |   |              | Г            |          | T        |          |           |
|          | 7           |          | П               |          | ヿ        |          |   |              |  |   |      |           | 57       |  |                 |          | T            | Τ       |              |                 |                    |          |             | 107        |                |   |              |              |          |          |          |           |
|          | 8           | =        |                 |          |          |          |   |              |  |   |      |           | 58       |  |                 |          |              | $\perp$ | •            |                 |                    |          |             | 108        |                |   | Ι.           |              |          |          |          |           |
|          | 9           | =        |                 |          |          |          |   |              |  |   |      |           | 59       |  |                 |          |              |         |              |                 | _                  | L        |             | 109        |                |   | $\perp$      |              |          |          |          |           |
|          | 10          | 1        |                 |          |          |          |   |              | Ш  |   |      |           | 60       |  |                 |          | $\perp$      | _       | $\perp$      |                 | _                  | L        |             | 110        |                |   | $\perp$      |              |          |          | _        |           |
|          | 11          | 0        | Ш               | _        | _        |          |   | <u> </u>     | Щ  |   |      |           | 61       | _  | igsqcup         | _        | $\bot$       | 4       | $\bot$       | $\sqcup$        | _                  | L        |             | 111        |                |   | $\downarrow$ | $\vdash$     | <u> </u> | $\dashv$ | _        |           |
|          | 12          | 0        | Ш               | $\dashv$ | _        | _        | _ | <u> </u>     | $\downarrow \downarrow \downarrow$               |   |      |           | 62       | <u> </u>   | $\sqcup$        | 4        | _            | 4       | 4            | $\vdash$        | -                  | L        | _           | 112        |                |   | 4            |              | $\vdash$ | $\dashv$ | _        | $\dashv$  |
| <u> </u> | 13          | 0        |                 | $\dashv$ | -        | _        |   | <u> </u>     | $\sqcup$   |   |      | <u> </u>  | 63       | $\vdash$   | $\sqcup$        | $\dashv$ | +            | +       | +            | $\vdash$        | -                  | H        |             | 113        | Ш              |   | +-           | ╀            | -        | $\dashv$ | -        | $\dashv$  |
| $\vdash$ | 14          | <u> </u> | $\vdash\vdash$  | -+       |          |          | _ | $\vdash$     | $\vdash$   |   |      |           | 64       | ├-   |                 | +        | +            | +       | +            | -               | -                  | ┝        |             | 114        | $\vdash$       | $\vdash$  | +            | ├-           | -        | $\dashv$ |          |           |
|          | 15          | -1       | H               | $\dashv$ |          |          | _ | <del> </del> | <del>  -  </del>                                 |   |      | <u> </u>  | 65<br>66 | -  | $\vdash$        | $\dashv$ | +            | +-      | +            | $\vdash \vdash$ | -                  | -        | -           | 115<br>116 | $\vdash\vdash$ | -   | +            | 1            | $\vdash$ | $\dashv$ | -        |           |
| <u> </u> | 16<br>17    | 1        | $\vdash\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ |   | -            | ┼┤   | _ |      |           | 67       | $\vdash$   | $\vdash$        | $\dashv$ | +            | +       | +            | $\vdash$        | -                  | $\vdash$ | -           | 117        |                | -   | +            | $\vdash$     | -        | $\dashv$ | $\dashv$ | -         |
| $\vdash$ | 18          | <u> </u> | $\vdash$        | +        |          | $\dashv$ |   |              | $\vdash$   | _ |      |           | 68       | <u> </u>   | $\vdash$        | +        | +            | ┿       |              | $\vdash$        | -                  | $\vdash$ |             | 118        | $\vdash$       | $\dashv$  | ╫            | +            |          | -        | ᅱ        |           |
| <b>-</b> | 19          | =        | $\vdash$        | +        |          |          |   | ╁            | Н  |   |      |           | 69       | -  | $\vdash$        | $\dashv$ | +            | +       | +            | $\vdash$        | -                  | -        |             | 119        |                | +   | +            | +-           | -        |          |          |           |
|          | 20          | =        | $\vdash$        |          |          | $\dashv$ |   | <del> </del> | Н  |   |      | _         | 70       | <del>                                     </del> | $\vdash$        | +        | +            | +       | +-           | -               | - !!               | -        |             | 120        |                |   | ╁┈           | 1            |          |          | -        |           |
| $\vdash$ | 21          | =        | П               |          | _        | ┪        | _ | T-           |  | _ |      |           | 71       | T  |                 | 1        | $\top$       | +       | 1            | $\Box$          | ١                  | -        | $\neg \neg$ | 121        |                |   | Ť            | $\top$       |          | $\neg$   | $\neg$   |           |
|          | 22          | =        | $\Box$          |          |          | 一        |   |              | $\Box$   | - |      |           | 72       |  |                 | $\top$   |              | $\top$  | 1            |                 | 788                | Γ        |             | 122        |                |   | 1            |              |          |          | $\neg$   |           |
|          | 23          | 1        |                 | T        |          |          |   |              | П  |   |      |           | 73       |  |                 | $\Box$   |              |         |              |                 |                    | L        |             | 123        |                |   |              |              |          |          |          |           |
|          | 24          | <b>V</b> |                 |          |          |          |   |              |  |   |      |           | 74       |  |                 |          |              |         |              |                 |                    |          |             | 124        |                |   |              |              |          |          |          |           |
|          | 25          | √        |                 |          |          |          |   |              |  |   |      |           | 75       |  |                 |          | $\perp$      |         |              |                 |                    | L        |             | 125        |                |   | _            | <u> </u>     |          |          | _        |           |
|          | 26          | 0        |                 |          |          | _        |   | _            | Ш  |   |      |           | 76       |  | Ш               | _        | $\perp$      | _       | 1_           | $\sqcup$        | _ :::              | L        |             | 126        |                |   | 1_           | ↓_           |          | _        | _        |           |
|          | 27          | 0        |                 |          |          |          |   |              | Ш  |   |      |           | 77       | _  | $\sqcup$        | $\dashv$ | 4            | 4-      |              | Ш               | 4!!!               | L        |             | 127        |                |   | ↓_           | ↓_           |          | -        | _        |           |
| <u></u>  | 28          | √        |                 | _        | _        | _        |   | <u> </u>     | Ш  |   |      |           | 78       | <u> </u>   | $\vdash$        | +        | +            | +       | +            |                 | -                  | -        | -           | 128        | _              |   | -            | ├-           | _        | -        | _        |           |
| <u> </u> | 29          | 1        | Ш               | -        | -        |          | _ | <u> </u>     |  |   |      |           | 79       | ⊢  | $\vdash$        | -        | - -          | +       | +            | $\vdash$        | -                  | -        |             | 129        | -              | +   | ╀            | ╀            | -        | -        | -        |           |
| <u> </u> | 30          | 0        | $\vdash$        | -        | $\dashv$ | -        |   | <u> </u>     | $\vdash \vdash$                                  |   |      |           | 80       | ⊢  |                 | +        | +            | +       | +            | $\vdash$        |                    | L        |             | 130<br>131 | Н              |   | +-           | ┼-           | -        | -+       |          |           |
| <u> </u> | 31<br>32    | 0        |                 | +        | -        |          |   | ┢            | $\vdash$   | _ |      |           | 81<br>82 | H  | $\vdash$        | +        | +            | +-      | +            | $\vdash$        |                    | $\vdash$ | $\dashv$    | 132        |                | $\dashv$  | ╁            | ╁            | -        | $\dashv$ | $\dashv$ | -         |
|          | 33          | =        | H               | +        | +        | -        |   | -            | <del>                                     </del> | - |      |           | 83       | $\vdash$   | $\vdash$        | +        | +            | +-      | +            | $\vdash \vdash$ | -                  | H        |             | 133        | $\vdash$       |   | +            | $\vdash$     | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
|          | 34          | =        | H               | $\dashv$ | +        | $\dashv$ |   | $\vdash$     | $\vdash$   |   |      |           | 84       | $\vdash$   | H               | +        | +            | +       | +            | $\vdash$        | -                  | 卜        |             | 134        | $\vdash$       |   | +            | 1            | ┝╼       | $\dashv$ |          | $\dashv$  |
|          | 35          | =        | $\vdash$        |          | 寸        | $\dashv$ |   |              |  |   |      |           | 85       | t  | Н               | $\dashv$ | $\top$       | +       |              |                 | 7                  | ۲        |             | 135        |                |   | $\top$       |              | Г        | $\dashv$ | $\neg$   | $\neg$    |
|          | 36          | =        |                 | _        | 寸        | $\dashv$ |   |              |  | _ |      |           | 86       | Г  | П               | $\top$   | $\top$       | +       | $\top$       |                 |                    | Γ        |             | 136        |                |   | 1            |              | Г        | $\dashv$ |          |           |
|          | 37          | =        | $\Box$          | $\dashv$ | 1        | $\dashv$ |   |              | $\sqcap$   |   |      |           | 87       | Γ  | П               | 寸        | $\neg$       | ╅       | $\top$       | $\Box$          | 7                  | Γ        |             | 137        |                |   | 1            | 1            |          |          |          |           |
|          | 38          | =        |                 |          |          |          |   |              |  |   |      |           | 88       |  |                 |          |              | $\perp$ |              |                 |                    | Γ        |             | 138        |                |   | $oxed{\Box}$ |              |          |          |          |           |
|          | 39          | =        |                 | J        |          |          |   |              |  |   |      |           | 89       |  |                 |          | $oxed{\Box}$ |         | $oxed{\Box}$ |                 |                    |          |             | 139        |                |   |              |              |          |          |          |           |
|          | 40          | Ξ        |                 | I        | ╝        |          |   |              | $\Box$   |   |      |           | 90       |  | $\Box$          | $\perp$  |              | $\bot$  |              |                 | _                  | Ĺ        |             | 140        |                |   |              |              |          |          |          |           |
|          | 41          | =        | Ш               | $\bot$   |          | _]       |   | L            | Ш  |   |      |           | 91       | <u> </u>   | Ш               |          | $\perp$      | _       | $\perp$      | $\sqcup \bot$   | _                  | L        |             | 141        | Ш              | $\sqcup \!\!\! \perp$   | $\perp$      | <u> </u>     | _        | $\Box$   | _        | _         |
|          | 42          | =        | Ш               | _        | 4        |          |   |              | $\sqcup$   |   |      | <u> </u>  | 92       | <u> </u>   | $\sqcup$        | 4        | $\perp$      | 4       | $\perp$      | $\vdash \vdash$ | 4                  | L        |             | 142        |                | <u> </u>  | +            | ļ.,          | _        | $\sqcup$ | _        | _         |
|          | 43          | =        | $\sqcup$        |          | _        | _        |   | L_           | $\sqcup$   |   |      | <u></u>   | 93       | _  | -               | $\dashv$ |              | 4       | $\perp$      | $\vdash \vdash$ | -                  | L        |             | 143        | Ш              | $\vdash \vdash$   | ╁            | 1            | <u> </u> | $\dashv$ | 4        | 4         |
| <u> </u> | 44          | =        | $\vdash \vdash$ | $\dashv$ | -        | _        |   | _            | $\vdash \vdash$                                  |   |      | <u> </u>  | 94       | _  | $\vdash \vdash$ | +        | +            | +       | +-           | $\vdash$        | -                  | -        |             | 144        |                | $\vdash$  | +-           | <del> </del> | -        | $\dashv$ |          | $\dashv$  |
| <u> </u> | 45          | =        | $\vdash$        | -        | -        |          | _ | $\vdash$     | $\vdash$   |   |      | <u> </u>  | 95       | <u> </u>   | $\vdash \vdash$ | +        | +            | +       | +            |                 | - :::              | ┝        |             | 145        | $\vdash\vdash$ | $\vdash \vdash$   | +            | ╀            | ⊢        |          | -        |           |
|          | 46          | =        | $\vdash$        | -        |          |          | _ | $\vdash$     | ┥  | _ |      | <u> </u>  | 96<br>97 | -  |                 | +        | +            | +       | +            | $\vdash$        | -                  | ┝        |             | 146<br>147 | $\vdash$       |   | +-           | ╁            | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
| <u> </u> | 47<br>48    | =        | $\vdash$        | $\dashv$ | -        | $\dashv$ | _ | ⊢            | $\vdash$   | - |      |           | 98       | $\vdash$   | $\vdash \vdash$ | +        | +            | +       | +            | <del>   </del>  | -                  | H        | -           | 148        | Н              | <del>                                     </del>  | +            | +            | -        | $\vdash$ | -        |           |
|          | 49          | =        | -               | $\dashv$ | +        | $\dashv$ | _ | $\vdash$     | $\vdash$   | _ |      | <b></b> - | 99       | -  | ╁┼              | +        |              | +       | +-           | $\vdash \vdash$ | -                  | $\vdash$ |             | 149        |                | $\vdash \vdash$   | +-           | +            | $\vdash$ | $\dashv$ |          |           |
| <u> </u> | 50          | =        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | - | $\vdash$     | $\vdash$   |   |      | <u> </u>  | 100      | -  | H               | $\dashv$ | +            | +       | +            | $\vdash$        | -(                 | ╟        |             | 150        | H              |   | +            | $\vdash$     | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$  |
|          | _ <u>JU</u> | ᅳ        | 1               |          | 1        |          |   |              |  |   | ,::: |           | 100      | Ц  |                 | 1_       |              |         |              | Щ.              | ∷                  | ∵∟       |             | 130        |                | $oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}}}}}}}}}}}}}}}}}}}$ |              |              |          |          |          |           |